

## **ABSTRACT**

A controlled free-radical polymerization process for forming end-functionalized polymers is disclosed, particularly by degenerative iodine transfer. The end-functionalized polymers are characterized by a polydispersity less than 2.5 and a predetermined molecular weight. The end-functionalized polymers are useful as reactive intermediates in condensation polymerization, chain polymerization and heterogeneous polymerization reactions.

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